

# ORION

CREW EXPLORATION VEHICLE

WEEKLY ACCOMPLISHMENTS



12.11.09



The Orion Launch Abort System Attitude Control Motor DM-1 unit (Photo above) is installed in the test stand and the protective building has been rolled into place for a full scale hot fire test on December 15 in Elkton, Maryland.



Shown left is the completed Cone and Barrel Weld assemblies for the Orion crew module ground test article. Work is progressing ahead of schedule at the Michoud Assembly Facility in New Orleans, Louisiana.



**Work continues on the Ground Test Article (GTA) composite heatshield build in Denver, Colorado.** Shown in photo above is the layup in process; the first ply is done with 15 more to go before cure. The laser projection files shown (the green laser lines) are generated for ply placement and inspection.



**The team at White Sands Missile Range continues Pad Abort 1 preparation with the final assembly of the Drogue and Pilot Mortar Brackets, including packed parachutes, in preparation for installation in the crew module.**

